

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	8040	(monitor\$3 or analyz\$3 or analysis or check\$3 or detect\$3 or determine\$3 or identify\$4) near4 (Pilot near2 (sub-symbol or symbol or sub-signal or signal))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/03 08:34
L2	1032	370/480.ccls.	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 08:34
L3	25	1 and 2	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 08:22
L4	10	(US-20040184484-\$).did. or (US-5708662-\$ or US-5077727-\$ or US-5936961-\$ or US-5778001-\$ or US-5502749-\$ or US-5253270-\$ or US-4951279-\$ or US-5559789-\$ or US-4399329-\$).did.	US-PGPUB; USPAT	OR	ON	2007/08/03 08:31
L5	4	(frequenc\$3 near2 band) 4	US-PGPUB; USPAT	AND	ON	2007/08/03 08:33
L6	6904	(frequenc\$3 near2 band) near4 (examin\$3 or search\$3 or scan\$4 or detect\$3)	US-PGPUB; USPAT	AND	ON	2007/08/03 08:38
L7	173	1 and 6	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/03 08:34
L8	1	2 7	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/03 08:34
L9	110952	"370"/\$.ccls.	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 08:35

## EAST Search History

L10	49	7 and 9	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 08:35
L11	2762	((frequenc\$3 near2 band) or (frequenc\$3 near2 carrier)) near4 (examin\$3 or search\$3 or scan\$4)	US-PGPUB; USPAT	AND	ON	2007/08/03 08:38
L12	299	9 11	US-PGPUB; USPAT	AND	ON	2007/08/03 08:38
L13	3224	((Phase-locked loop) or (phase near lock\$3)) near3 (clock near3 frequenc\$3)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 08:53
L14	222	9 and 13	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 08:53
L15	13	(US-20040184484-\$ or US-20070070960-\$).did. or (US-5708662-\$ or US-5077727-\$ or US-5936961-\$ or US-5778001-\$ or US-5502749-\$ or US-5253270-\$ or US-4951279-\$ or US-5559789-\$ or US-4399329-\$ or US-5703873-\$ or US-3795772-\$).did.	US-PGPUB; USPAT	OR	ON	2007/08/03 09:03
L16	9	oscillator and 15	US-PGPUB; USPAT	OR	ON	2007/08/03 09:04
L17	0	(oscillator and 15) same clock	US-PGPUB; USPAT	OR	ON	2007/08/03 09:05
L18	552	(voltage near2 controll\$3 near2 oscillator) with ((recov\$3 or demodulat\$3) near2 (signal or symbol or (sub-symbol) or sub-signal))	US-PGPUB; USPAT	OR	ON	2007/08/03 09:07
L19	40	9 and 18	US-PGPUB; USPAT	OR	ON	2007/08/03 09:07
L20	0	(generating near2 plurality near2 bins near4 (pilot near tone)).clm.	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 09:55

## EAST Search History

S1	1	10/813695	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 13:47
S2	1	10/376262	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 13:25
S3	3948	(bins or container or stor\$3 or database or memory or register) same (pilot near2 (symbol or signal))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 13:38
S4	3379	(bins or frequenc\$3) same (add\$3 or combin\$3 or summation or sum) same(pilot near2 (symbol or signal))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 13:43
S5	1580	modulat\$3 near6 (bins or container or (frequenc\$3 near2 carrier)) with ((predetermin\$3 or preset\$4) near3 (frequenc\$3))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/02 13:42
S6	881	(bins or (frequenc\$3 near2 carrier)) same (add\$3 or combin\$3 or summation or sum) same(pilot near2 (symbol or signal))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 13:43
S7	24	S5 S6	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/02 13:43
S8	180	370/215.ccls.	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 13:47

## EAST Search History

S9	1100	370/216.ccls.	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 13:47
S10	659	370/343.ccls.	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 13:47
S11	205	370/436.ccls.	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 13:47
S12	1032	370/480.ccls.	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 08:22
S13	1	S6 S8	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/02 13:48
S14	1	S6 S9	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/02 13:48
S15	10	S6 S10	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/02 14:07
S16	15	08/700779	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/02 14:54

## EAST Search History

S17	680	(predetermin\$3 near2 frequency) with (optical near2 frequency)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/02 14:55
S18	0	S7 S17	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/02 14:55
S19	110952	"370"/\$.ccls.	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/02 14:55
S20	9	S17 S19	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/02 14:55
S21	3	(US-20040184484-\$).did. or (US-5708662-\$ or US-5077727-\$). did.	US-PGPUB; USPAT	OR	ON	2007/08/02 15:19
S22	0	S21 ((adjust\$3 or chang\$3) near3 (clock))	US-PGPUB; USPAT	AND	ON	2007/08/02 15:19
S23	3	S21 (adjust\$3 or chang\$3)	US-PGPUB; USPAT	AND	ON	2007/08/02 15:20
S24	90	(identify\$3 or indicat\$3 or calculate\$3 or estimat\$3) near5 (difference or (phase near2 shift)) same ((sub-symbol) or (sub-signal) or (subchannel) or (sub-channel))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 15:41
S25	36307	(modification or modif\$3 or update\$3 or chang\$3 or adjust\$3 or correct\$3) near4 (accord\$3 or based or correspond\$3 or respective or associat\$3 or depend\$3 or basis or respons\$3 or depend\$4) near3 (differen\$2 or (phase near shift))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 15:46

## EAST Search History

S26	0	S24 S25	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/02 15:38
S27	152	(identify\$3 or indicat\$3 or calculate\$3 or estimat\$3) with (difference or (phase near2 shift)) same ((sub-symbol) or (sub-signal) or (subchannel) or (sub-channel))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 15:39
S28	1	S25 S27	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/02 15:39
S29	211136	(identify\$3 or indicat\$3 or calculate\$3 or estimat\$3) near5 (difference or (phase near2 shift))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 15:45
S30	8079	S25 S29	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/02 15:40
S31	12551	((sub-symbol) or (sub-signal) or (subchannel) or (sub-channel))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 15:41
S32	50	S30 S31	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/02 15:41
S33	263003	(identify\$3 or indicat\$3 or calculate\$3 or estimat\$3) near9 (difference or (phase near2 shift))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 15:53

## EAST Search History

S34	289609	(identify\$3 or indicat\$3 or calculat\$3 or estimat\$3) near9 (difference or (phase near2 shift))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 15:45
S35	56910	(modification or modif\$3 or update\$3 or chang\$3 or adjust\$3 or correct\$3) near7 (accord\$3 or based or correspond\$3 or respective or associat\$3 or depend\$3 or basis or respons\$3 or depend\$4) near3 (differen\$2 or (phase near shift))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 16:38
S36	82	S31 S34 S35	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/02 15:47
S37	369228	(identify\$3 or indicat\$3 or calculate\$3 or estimat\$3) near5 (differen\$2 or (phase near2 shift))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/02 16:39
S38	14654	S35 and S37	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 15:55
S39	363700	(identify\$3 or indicat\$3 or calculate\$3 or estimat\$3) near5 (differen\$2 or (phase near2 shift) near4 pilot with (signal or symbol))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/02 15:56
S40	14248	S35 S39	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/02 15:57
S41	4	S12 S40	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/02 15:58

## EAST Search History

S42	2	S11 S40	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/02 15:59
S43	6	S10 S40	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/02 15:59
S44	3	S9 S40	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/02 15:59
S45	2	("6771590").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/02 16:33
S46	1353	(modification or modif\$3 or update\$3 or chang\$3 or adjust\$3 or correct\$3) near3 (frequency) near4 (accord\$3 or based or correspond\$3 or respective or associat\$3 or depend\$3 or basis or respons\$3 or depend\$4) near3 (differen\$2 or (phase near shift))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 16:59
S47	399	S46 and S37	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/02 16:40
S48	20	S47 and S19	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/02 16:40
S49	8	(US-20040184484-\$).did. or (US-5708662-\$ or US-5077727-\$ or US-5936961-\$ or US-5778001-\$ or US-5502749-\$ or US-5253270-\$ or US-4951279-\$).did.	US-PGPUB; USPAT	OR	ON	2007/08/02 16:58



## EAST Search History

S50	11086	(modification or modif\$3 or update\$3 or chang\$3 or adjust\$3 or correct\$3) near3 (frequency) with (received)	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 17:08
S51	5	S49 and S50	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/02 17:00
S52	40	S12 S50	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	AND	ON	2007/08/02 17:05
S53	87	(modification or modif\$3 or update\$3 or chang\$3 or adjust\$3 or correct\$3) near3 (frequency) with ((pilot near2 (signal or symbol)) near2 (received))	US-PGPUB; USPAT; USOCR; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/03 08:20